

Configuration Name: _____

INSTRUCTIONS

**Summary Sheet of a Conveyance Component
For Proposed Configuration**

Instructions – Authors with Assistance from Facilitator Complete a Separate *FORM 5* for Each Conveyance Component Included in the Proposed Configuration. **Bold items required.**

*Note – One of these forms is completed for **EACH** Conveyance Component as identified on FORM 2. This FORM 5 is to capture any additional specific information about the Conveyance Component not already provided in FORM 1 and FORM 2. If no specific conveyance component identified by the Authors, the Evaluation team will term the requirements to convey water from one component to another and this form would not need to be completed by the Authors.*

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Configuration Name (from FORM 1): _____

Component Number and Name (from FORM 2): _____

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Does Conveyance Component Also Have a Primary Function as a Storage Component? _____ Yes _____ No

If yes, complete *FORM 3* first and only add information not provided in *FORM 3* to this *FORM 5*.

Does Conveyance Component Also Have a Primary Function as a Treatment Component? _____ Yes _____ No

If yes, complete *FORM 4* first and only add information not provided in *FORM 4* to this *FORM 5*.

General Description of Conveyance Component:

FORM 5

Configuration Name: _____

Encourage the Authors to be descriptive about the features of the component that matters most to them. For example, the middle of the lined canal will be deeper to handle typical flows with the wider, shallow part of the canal designed for peak flows.

Type of Conveyance:

___ Open Water with Water Level Below Ground Elevation

Surface Finish:

___ Managed Vegetation ___ Natural Vegetation

___ Lined ___ No Preference

___ Open Water with Water Level Above Ground Elevation

Surface Finish:

___ Managed Vegetation ___ Natural Vegetation

___ Lined ___ No Preference

___ Closed Pipe: ___ Below Ground Elevation ___ Above Ground Elevation

Managed Vegetation is vegetation within the conveyance feature is mowed and treated as necessary to minimize restriction to water flow. The banks are vegetated but with appropriate erosion protection as needed. This is similar to how the canals within the South Florida Water Management District are currently managed. Natural Vegetation is vegetation within the conveyance feature that is essentially allowed to grow naturally, not actively maintained, may restrict water flow, and may provide treatment benefit. The banks are vegetated but with appropriate erosion protection as needed.

Conveyance Feature: ___ New ___ Enhancement of an Existing Canal
(provide name of existing canal) _____

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Check Most Important Feature(s) of Conveyance Component (if any) (check all features that are critical to Authors; if not checked then the proposed configuration will be optimized for this feature):

_____ Volume of Water to be Conveyed – Provide volume in ac-ft _____
(Facilitator will convert information to ac-ft as necessary)

_____ Water Depth – Provide depth in feet _____

_____ Conveyance Width – Provide width in feet _____

_____ Total Acres of Land – Provide acreage _____
(Facilitator will include acreage for component infrastructure as necessary)

_____ Ability to Meet A Specific Performance Measure (PM) / Indicator (I)
PM / I: _____ Percentage _____

Additional PM / I Information: _____

_____ Cost – Provide maximum allowed cost _____

Only the features above that are critical to the Authors should be checked. It is acceptable not to check any features above. The evaluation performed will be based on this critical information and this critical information will not be changed during the evaluation. For example, if the Authors state the water depth is 4 feet and volume is 1 million ac-ft, then other features during the evaluation will be modified as necessary to obtain that requirement within any other limitations provided. The more limitations or critical features specified, the more difficult it may be to achieve the benefits within a reasonable cost.

General Component Location:

(provide details on the required location of the component in addition to the information drawn on the map, examples –

- anywhere north of Lake Okeechobee
- only on US Sugar Lands west of L-19 Canal
- any lands between L-19 Canal and New Miami River Canal)

List Counties: _____

Description: _____

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Provide additional information about the location of the component if needed to ensure the component is sited at the desired location. The Authors do not need to be specific. If no additional information provided, the Evaluation Team will utilize the information shown on the map and more specifically site the component to reduce costs and increase benefits.

General Description of Conveyance Component Operations:

If the Authors envision this component to be operated a certain way, this is where they need to describe that operation. For example, "canal can go dry and will be capable of conveying flows no greater than 4,000 cfs".

Check Most Important Operational Feature(s) of Treatment Component (if any)
(check all features that are critical to Authors; if not checked then the proposed configuration will be optimized for this feature):

_____ Inflow Capacity – Provide inflow in cubic feet per second _____
(Facilitator will convert information to cfs as necessary)

_____ Inflow Type – Select _____ Gravity _____ Pump _____ Both

_____ Outflow Type – Select _____ Gravity _____ Pump _____ Both

_____ Ability To Go Dry – Select _____ Yes _____ No _____ No Preference

_____ Internal Cells – Select _____ Yes _____ No _____ No Preference

If yes, how many cells? _____ Cells

Only the features above that are critical to the Authors should be checked. It is acceptable not to check any features above. The evaluation performed will be based on this critical information and this critical information will not be changed during the evaluation. For example, if the Authors state the inflow capacity is

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6,000 cfs and both inflow and outflow by gravity, then other features during the evaluation will be modified as necessary to obtain that requirement within any other limitations provided. The more limitations or critical features specified, the more difficult it may be to achieve the benefits within a reasonable cost.